






SHEET 1 OF 2

INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 21200-711		SERIAL NO. 09/684,742			
		APPLICANT David C. Gelvin, et al.					
		FILING DATE October 4, 2000		GROUP 2661			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILE DATE	
<i>[initials]</i>	5,732,074	3/24/98	Spaur, et al.	370	313	1/16/96	
FOREIGN PATENT DOCUMENTS							
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>[initials]</i>	S. Natkunanathan, et al., "A Signal Search Engine for Wireless Integrated Network Sensors", ASFL Annual Symposium, March 2000, pgs. 1-4						
	Michael J. Dong, et al., "Low Power Signal Processing Architectures for Network Microsensors", 1997 International Symposium on Low Power Electronics and Design; Digest of Technical Papers (1997) pgs. 173-177.						
<i>[initials]</i>	Tsung-Hsien Lin, et al., "CMOS Front End Components for Micropower RF Wireless-Systems", Proceedings of the 1998 International Symposium on Low Power Electronics & Design, pp. 11-15, August 1998						
	G. Asada, et al., "Wireless Integrated Network Sensors: Low Power Systems on a Chip", Proceedings of the 1998 European Solid State Circuits Conference (ESSCIRC), pp. 1-8 The Hague, The Netherlands, September 22-24, 1998.						
<i>[initials]</i>	Gregory J. Pottie, R&D Quarterly and Annual Status Report for AWAIRS, pp. 1-28; January 1, 1999-April 31, 1999						
	Gregory J. Pottie, et al., "Wireless Integrated Network Sensors: Towards Low Cost and Robust Self-Organizing Security Networks, SPIE Conference on Sensors, C3I, Information and Training Tech. for Law Enforcement, Boston, MA.; pp. 1-10; November 3-5, 1998						
EXAMINER <i>[signature]</i>			DATE CONSIDERED <i>5/20/00</i>				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 21200-711		SERIAL NO. 09/684,742		RECEIVED APR 09 2001 Technology Center 2600	
		APPLICANT David C. Gelvin, et al.					
		FILING DATE October 4, 2000		GROUP 2661			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	RECEIVED APR 10 2001 Technology Center 2600	
FOREIGN PATENT DOCUMENTS							
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Loren P. Clare, et al., "Self-Organizing Distributed Sensor Networks", SPIE 13 th . Annual Symposium on Aerosense/Defense Sensing, Simulation and Controls, UGS Technologies and Applications Conference, Orlando, Florida; pp. 1-9; April 5-9, 1999.						
	J. Agre, et al., "Autoconfigurable Distributed Control Systems", Proceedings of the 2 nd . International Symposium on Autonomous Decentralized Systems (ISADS 95), Phoenix, Arizona; pp. 1-8; April 25-27, 1995						
	Jonathan R. Agre, et al., "Development Platform for Self-Organizing Wireless Sensor Networks", SPIE 13 th . Annual Symposium on Aerosense/Defense Sensing, Simulation and Controls, Unattended Ground Sensor Technologies and Applications Conference, Orlando, Florida; pp. 1-12; April 5-9, 1999.						
EXAMINER 				DATE CONSIDERED 5/20/07			

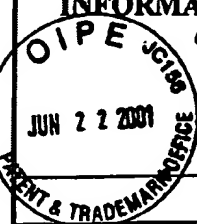
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		APPLICANT David C. Gelvin, et al.					
		FILING DATE 10/4/2000		GROUP 2661			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
<i>A</i>	6,208,247	3/27/2001	Agre, et al.	340	539	8/18/98	
<i>A</i>	4,520,674	6/4/85	Canada, et al.	73	660	11/14/83	
<i>A</i>	4,649,524	3/10/87	Vance	367	13	8/22/83	
<i>A</i>	4,812,820	3/14/89	Chatwin	340	518	7/23/86	
<i>A</i>	4,855,713	8/8/89	Brunius	340	506	10/7/88	
<i>A</i>	4,951,029	8/21/90	Severson	340	506	2/16/88	
<i>A</i>	5,241,542	8/31/93	Natarajan, et al.	370	95.3	8/23/91	
<i>A</i>	5,247,564	9/21/93	Zicker	379	40	10/24/90	
<i>A</i>	5,295,154	3/15/94	Meier, et al.	375	1	5/3/93	
<i>A</i>	5,428,636	6/27/95	Meier	375	202	5/7/93	
<i>A</i>	5,475,687	12/12/95	Markkula, Jr., et al.	370	85.1	7/27/93	
<i>A</i>	5,553,076	9/3/96	Behtash, et al.	370	95.3	5/2/94	
<i>A</i>	5,659,195	8/19/97	Kaiser, et al.	257	415	6/8/95	
FOREIGN PATENT DOCUMENTS							
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>A</i>	Ann Bhatnagar, et al., "Layer Net: A New Self-Organizing Network Protocol"; 1990 IEEE Military Communications Conference, Monterey, CA., September 30 thru October 3; pgs. 845-849.						
	Norman Abramson, "The Throughput of Packet Broadcasting Channels", IEEE Transactions on Communications, Vol. Com-25, No. 1, January 1977, pgs. 117-128.						
<i>A</i>	C. David Young, "USAP: A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol", Milcom 96 Conference Proceedings, October 22-24, 1996, pgs. 235-239.						
	G. Asada, et al. "Low Power Wireless Communication and Signal Processing Circuits for Distributed Microsensors", Proceedings of 1997 IEEE International Symposium on Circuits and Systems; June 9-12, 1997, Hong Kong, pgs. 2817-2820.						
<i>A</i>	K. Bult, et al. "Low Power Systems for Wireless Microsensors", 1996 International Symposium on Low Power Electronics and Design; pgs. 17-21.						
EXAMINER <i>San</i>			DATE CONSIDERED <i>5/20/04</i>				

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INFORMATION DISCLOSURE CITATION PTO-1449 		ATTY. DOCKET NO. 21200-711		SERIAL NO. 09/684,742			
		APPLICANT David C. Gelvin, et al.		JUN 26 2001			
		FILING DATE 10/4/2000		GROSS Technology Center 2600			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
<i>[initials]</i>	5,726,911	3/10/98	Canada, et al.	364	550	8/22/96	
<i>[initials]</i>	5,852,351	12/22/98	Canada, et al.	318	490	8/20/97	
<i>[initials]</i>	5,854,994	12/29/98	Canada, et al.	702	56	8/23/96	
<i>[initials]</i>	5,907,491	5/25/99	Canada, et al.	364	468.15	4/4/97	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>[initials]</i>	Anthony Ephremides, et al. "A Design Concept for Reliable Mobile Radio Networks with Frequency Hopping Signaling"; Proceedings of the IEEE, Vol. 75, No.1, January 1987; pgs. 56-73						
	K. Bult, et al., "Wireless Integrated Microsensors"; Solid-State Sensor and Actuator Workshop, Hilton Head South Carolina, June 3-6, 1996, pgs. 205-210.						
<i>[initials]</i>	C. David Young, "A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol", Rockwell International Working Paper, October 25, 1995, pgs. 1-29.						
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<i>[initials]</i>	Michael J. Dong, et al. "Low Power Signal Processing Architectures for Network Microsensors"; University of California, Los Angeles, ISLPED 97, International Symposium on Low Power Electronics and Design, January 1998, pgs. 1-5.						
EXAMINER <i>[Signature]</i>				DATE CONSIDERED 5/20/04			

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INFORMATION DISCLOSURE CITATION

Form PTO-1449 (Modified)
(Use several sheets if necessary)ATTY. DOCKET NO.
37302.8011SERIAL NO.
09/684,742

APPLICANT

Gelvin, *et al.*

FILING DATE

October 4, 2000

GROUP

2661

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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
A	5,745,759	04/28/98	Hayden and Burgener			
A	5,737,529	04/07/98	Dolin, Jr., <i>et al.</i>			
A	5,794,164	08/11/98	Beckert, <i>et al.</i>			
A	6,009,363	12/28/99	Beckert, <i>et al.</i>			
A	6,028,537	02/22/00	Suman, <i>et al.</i>			
A	6,144,905	11/07/00	Gannon			
A	6,145,082	11/07/00	Gannon, <i>et al.</i>			
A	6,175,789	01/16/01	Beckert, <i>et al.</i>			
A	6,181,994	01/30/01	Colson and Alewine			
A	6,185,491	02/06/01	Gray and Chu			
A	6,202,008	03/13/01	Beckert, <i>et al.</i>			
A	6,246,935	06/12/01	Buckley			

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Document Number	Date	Country	Class	Subclass	Translation
0814393	12/29/97	Europe			
19743137	04/01/99	Germany			
9917477	04/08/99	PCT			
2,245,963	2/26/00	Canada			
0054237	09/14/00	PCT			

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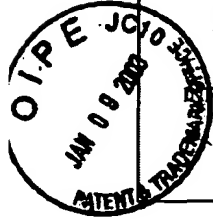
A	Asada, G., <i>et al.</i> , "Wireless Integrated Network Sensors (WINS)" PROCEEDINGS OF THE SPIE, SPIE, Bellingham, VA 3673:11-18 (1999).
A	Lohle, H., <i>et al.</i> , "Bordermaster 2000- An Advanced Border Surveillance System", ELECTRICAL COMMUNICATION, Alcatel. Brussels, BE 153-158 (1994).

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DATE CONSIDERED

3/20/04

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PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. SENS.P011	APPLICATION NUMBER 09/684,742
	APPLICANT Gelvin, et al.	
	FILING DATE October 4, 2000	GROUP ART UNIT 2661

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	6,028,857	02/22/2000	Poor	370	351	07/25/97

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JAN 10 2003

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<input checked="" type="checkbox"/>	K. Sohrabi, J. Gao, V. Ailawadhi, G. Pottie, "A Self-Organizing Wireless Sensor Network," Proc. 37 th Allerton Conf. On Comm., Control, and Computing, Monticello, IL, Sept. 1999.
<input checked="" type="checkbox"/>	D.J. Baker and A. Ephremides, "The Architectural Organization of a Mobile Radio Network via a Distributed Algorithm," IEEE Transactions on Communications, Vol. Com-29, No. 11, Nov. 1981, pp. 1694-1701.
<input checked="" type="checkbox"/>	J. Elson, L. Girod, and D. Estrin, "Fine-Grained Network Time Synchronization Using Reference Broadcasts," submitted to SIGCOMM 2002.
<input checked="" type="checkbox"/>	W. Merrill, K. Sohrabi, L. Girod, J. Elson, F. Newberg, and W. Kaiser, "Open Standard Development Platforms for Distributed Sensor Networks," Aerosense Conference, Orlando, FL, April 2002.
<input checked="" type="checkbox"/>	M. Gerla and J. Tzu-Chieh Tsai, "Multichuster, Mobile, Multimedia Radio Network," ACM-Baltzer Journal of Wireless Networks, Vol. 1, No. 3, pp.255-265, 1995.
<input checked="" type="checkbox"/>	C. R. Lin and M. Gerla, "Adaptive Clustering for Mobile Wireless Networks."


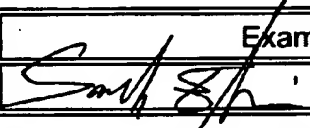
5/20/04



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Method for internetworked hybrid wireless integrated network sensors (WINS)						
<div>Application Number: 09/684742 </div> <div>Confirmation Number: 1719</div> <div>First Named Applicant: David Gelvin</div> <div>Attorney Docket Number: SENS.P011</div> <div>Art Unit: 2661</div> <div>Search string: (5760530).pn.</div> <div>RECEIVED DEC 1 5 2003 Technology Center 2100</div>							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	5760530	1998-06-02	Kolesar			
Signature							
Examiner Name				Date			
				5/22/04			